



Stantec

Stantec Consulting Services, Inc.
1901 Nelson Miller Parkway
Louisville, Kentucky 40223-2177
Tel: (502) 212-5000
Fax: (502) 212-5055

August 18, 2008
File: LV2008008

Kentucky Office of the 911 Coordinator/CMRS Board
200 Mero Street
Frankfort, KY 40622

Attention: Mr. Ken Mitchell

Dear Mr. Mitchell:

**Reference: CMRS Geospatial Audit
Kentucky State Police Post 5 - Campbellsburg
160 Citation Ln
Campbellsburg, KY 40011**

The Geospatial Audit of Kentucky State Police Post 5 - Campbellsburg located in Henry County was conducted on 8/14/2008. Kentucky State Police Post 5 - Campbellsburg provides wireless 9-1-1 service for HENRY, OWEN AND TRIMBLE COUNTIES.

PSAP MAPPING SUMMARY

Information on the mapping solution employed by the PSAP was collected as part of the audit process, which includes the type of software and system, the vendor, the version and the layers being used at the time of the audit. In addition, this summary may include notes and observations taken while conducting the audit. 202 KAR 6:100 requires that the mapping solution display the nearest address to an x,y point. The software used by Kentucky State Police Post 5 - Campbellsburg does not meet this requirement.

FIELD DATA TESTING

In accordance to the requirements of the Geospatial Audit, 20 random points for jurisdiction of the PSAP or for each county served by the PSAP were tested by collecting field GPS information and address information and comparing the results of plotting the two elements with the 9-1-1 solution employed by the PSAP. The result of this portion of the audit is that 0% of the points tested met the criteria of the Audit. Passing criteria is that 90% of the points tested shall meet the criteria set forth in 202 KAR 6:100, Section 4, Paragraph 4.

WIRELESS 9-1-1 FUNCTION

In accordance to the requirements of the Geospatial Audit, 20 wireless 9-1-1 calls were documented for data, software, and mapping function. The result of this portion of the audit is that 100% of the calls documented met the criteria of the Audit. Passing criteria is that 66% of the points tested shall meet the criteria set forth in 202 KAR 6:100, Section 4, Paragraph 3.

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August 18, 2008
Mr. Ken Mitchell
Page 2 of 2

Reference: CMRS Geospatial Audit

CONCLUSION

Mapping Component	<u>Does not meet audit criteria</u>
Field Data Component	<u>Does not meet audit criteria with</u> 0% of points tested meeting criteria
Wireless Data Component	<u>Meets audit criteria with</u> 100% of calls tested meeting criteria

Based on the results of the audit, Kentucky State Police Post 5 - Campbellsburg does not meet the standards set by legislation and administrative regulation.

The detailed documentation of the audit with observations and recommendations is attached. The documentation is separated into a report of the software and data used by the PSAP with observations and recommendations; Field Data Report; and Wireless Data Report. Please note that supporting printouts and printed maps are included in the electronic copy of this report.

Sincerely,

Stantec Consulting Services Inc.

James B. Morse
GIS Project Manager
Tel: (502) 212-5044
Fax: (502) 212-5055
James.morse@stantec.com

Attachment: Report Details

c. Files

j:\2008proj\lv2008008_cmrs\merged summary letter.doc

PSAP Mapping Component Summary

PSAP Name Kentucky State Police Post 5 - Campbellsburg

Address 160 Citation Ln

Audit Date 8/14/2008

City Campbellsburg

Audit Personnel MCCORMICK

Contact RADIO ROOM SUPERVISOR

Contact Title c/o Post Commander

Software	Version	Vendor
INTERACT GEO911	5.14	INTERACT

Mapping Layers Used

Road Centerlines: ☒

Point Addresses: ☐

Ortho Photography: ☒

Other Layers: ☒ **Type of 'other' layers used by PSAP:**

The map software is Interact Geo 911, the version is 5.14 and the vender is Interact Public Safety. The map has 24 layers: Heliport, Fire Station, Law Enforcement, Structure, School, Hospital, Church, Cemetery, Place, Town, Mile Marker, Road, Railroad, County, Water body, Stream, City, Park - Wildlife Management - Military Reservation, Carroll (image), Gallatin (image), Henry (image), Henry (image), Oldham (image), Owen (image), Trimble (image).

Notes and Observations:

Observations and comments:

Kevin did not know when the map was last updated but suspect it was done when the system was installed - December 2007. he was also unfamiliar with the frequency of up dates and where the information came from. Kevin indicated the Rorry Cunningham was their contact for such information.

The data from the map was obtained by Kevin Woosley and Melinda Portman. The 911 wireless call were obtained by Shelly Clark.

***When plotting the location of an address, the software used by KSP will geocode the location on the centerline. Under the present circumstances, the system does not indicate which side of the centerline segment the address would be located. This is a design issue with the software. According to the software vendor, the ideal setup would utilize both street centerline and point address layers for locating address on the correct side of the segment. KSP Posts utilize only a street centerline layer. With only one data set, the functionality of the software is reduced. Since the interpretation of the KAR is that the software should indicate the side of the segment based on the associated ranges, the software solution currently does not meet the requirements of the audit. KSP has initiated steps to resolve the issue. At the time of this writing, there is no timeframe for implementing the resolution.